

SOIL CLASS: 510 HOOSIC  
(SOURCE: USDA-SCS SOIL SURVEY)

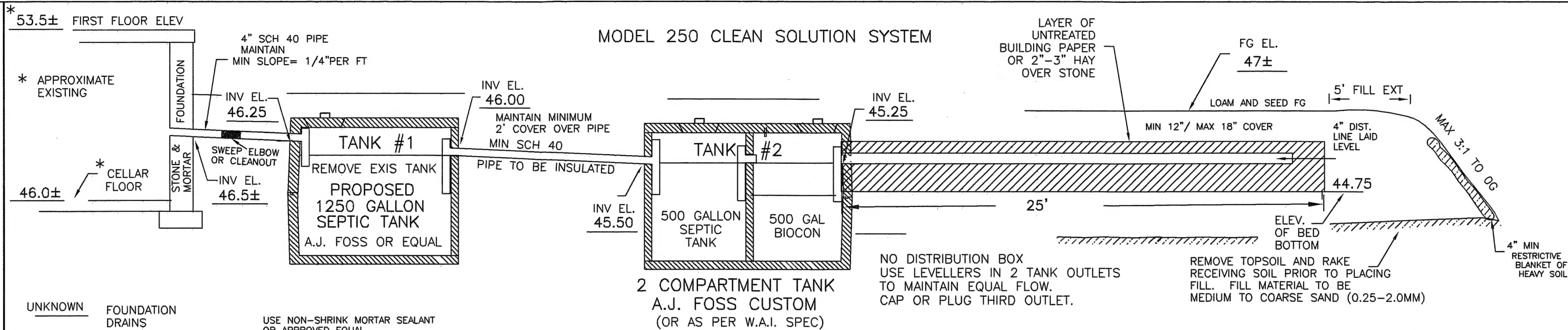
BENCH MARKS: DATUM = ASSUMED  
#1 SET NAIL MAPLE EL 49.12  
#2 SET NAIL 18" MAPLE EL 47.16  
#3 SET HUB ELEVATION 45.91  
#4 SET PK EL 47.90

DESIGN INTENT:  
THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 44.75 WHICH IS APPROX 2.5 FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR OF DESIGNED EDS.

SUITABLE REPLACEMENT AREA:  
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:  
50.0 EXISTING CONTOUR  
(50.0) PROPOSED CONTOUR  
50.0 EXISTING SPOT ELEVATION  
(50.0) PROPOSED SPOT ELEVATION

- NOTES:
- THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:  
RCRD PLANS #0524, #D24249  
RCRD 2439-0938
  - NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD PRE 1967 SEE RCRD 1506-415
  - THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
  - NO SURFACE WATER OR WELL WITHIN 100' OF PROPOSED SYSTEM.

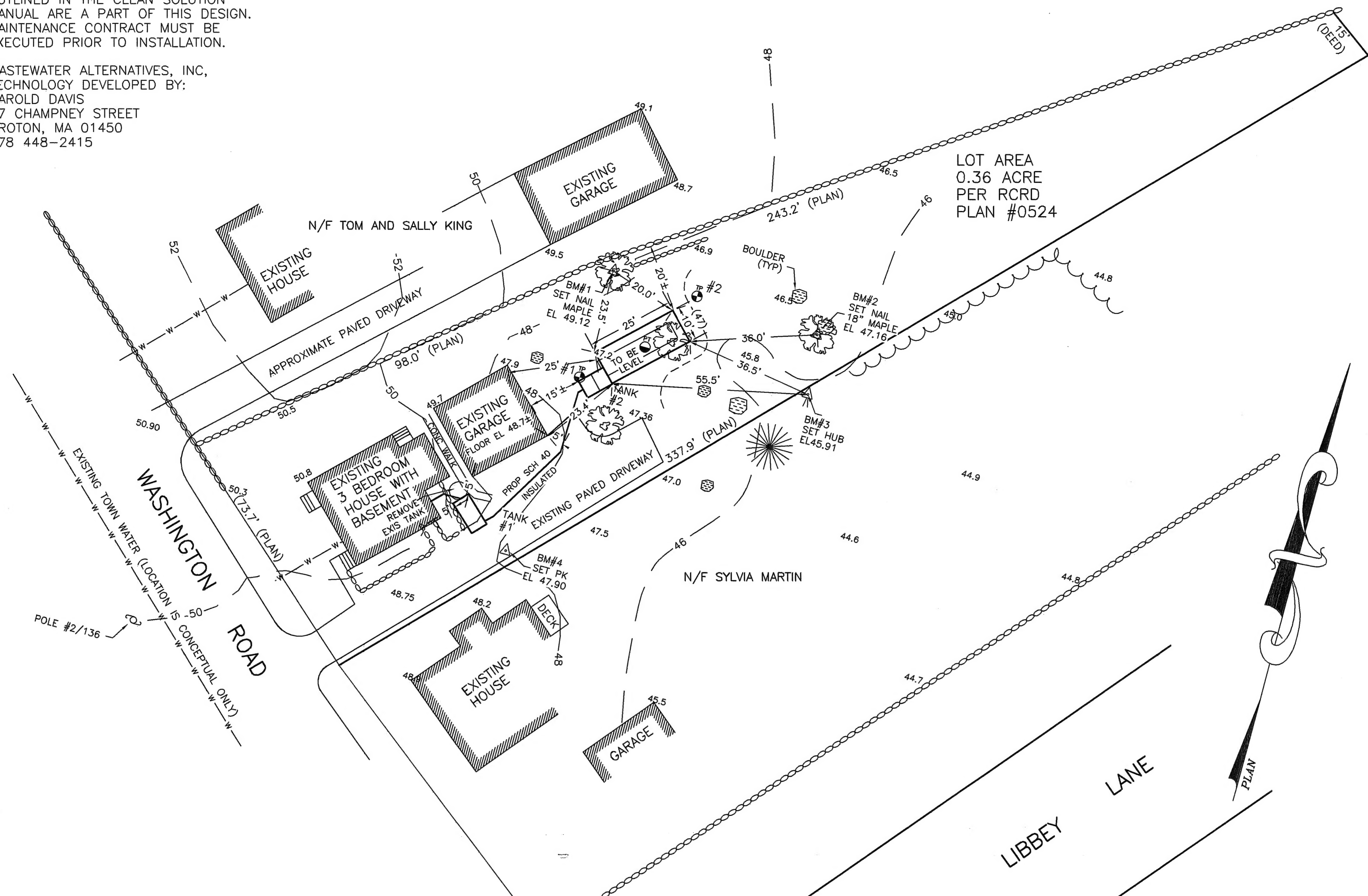


## CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

PLAN : 1"=20'

ALL SPECIFICATIONS AND RESPONSIBILITIES OUTLINED IN THE CLEAN SOLUTION MANUAL ARE A PART OF THIS DESIGN. MAINTENANCE CONTRACT MUST BE EXECUTED PRIOR TO INSTALLATION.

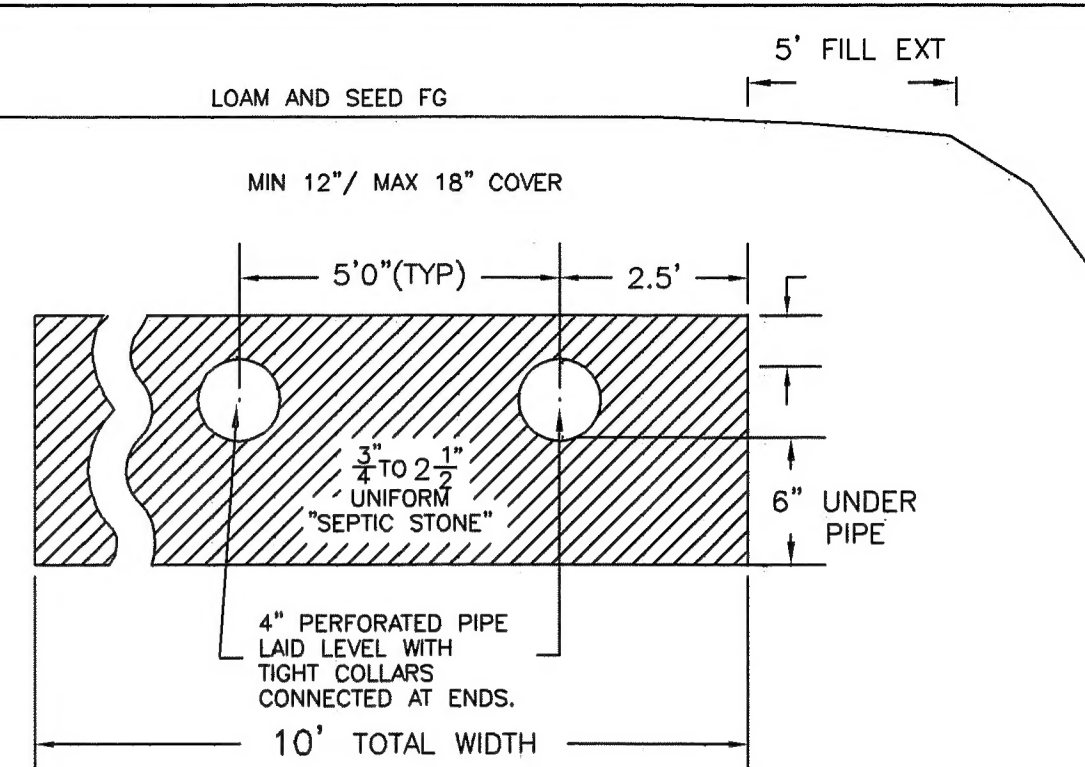
WASTEWATER ALTERNATIVES, INC.,  
TECHNOLOGY DEVELOPED BY:  
HAROLD DAVIS  
37 CHAMPNEY STREET  
GROTON, MA 01450  
978 448-2415



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS MAINTENANCE CONTRACT SUBMITTED WITH APPLICATION FOR SYSTEM APPROVAL.

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.  
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.  
ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.  
ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.  
ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.



## TEST PIT DATA

DATE: JUNE 27, 2008  
TOWN INSPECTOR: DENNIS PLANTE

TEST PIT #1 EL 47.3  
0 -8" 10YR3/4 FINE SANDY LOAM TOPSOIL, GRANULAR FRIABLE  
8 -60" 10YR4/6 GRAVELLY COARSE SAND, SOME STONES TO 24"  
60-72" 2.5Y5/4 VERY FINE SAND, WITH SOME SILTS, MOTTLED  
ESHW @ 60", ROOTS TO 60"+, NO OBSERVED WATER  
NO REFUSAL

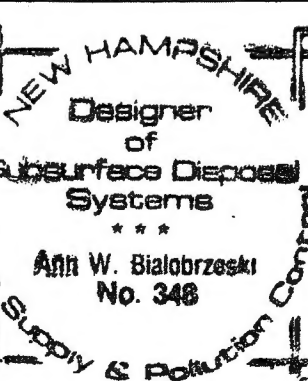
TEST PIT #2 EL 46.6  
0 -6" 10YR3/4 FINE SANDY LOAM TOPSOIL, GRANULAR FRIABLE  
6 -60" 10YR5/4 TO 5/6 GRAVELLY LOAMY SAND, STONES TO 18"  
GENERALLY GRANULAR FRIABLE, SOMEWHAT FIRM IN PLACES  
(POSSIBLE DISTURBED SOIL, OLD TEST PIT?)  
NO EVIDENCE OF SHW TO 60", ROOTS TO 48"+, NO OBSERVED WATER  
NO REFUSAL

## PERC TEST DATA

DATE: JUNE 27, 2008  
ESTIMATE 2 MIN/IN @ 24" DEPTH  
PERC RATE: N/A CLEAN SOLUTION  
DESIGN LOADING: EXISTING 3 BEDROOM HOUSE  
DISPERSAL AREA REQUIRED: 75 SF PER CLEAN SOLUTION MANUAL  
DISPERSAL AREA PROPOSED: 10' X 25' = 250 SF PROVIDED

## PROPOSED REPLACEMENT SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM  
LOCUS: 235 WASHINGTON ROAD  
RYE, NH  
OWNER: ROBERT AND BETSY ALTMAN  
235 WASHINGTON ROAD  
RYE, NH 03870



APPLICANT:  
STOCKTON SERVICES  
PO BOX 1306  
HAMPTON, NH 03843-1306  
603 929-7404  
ANNE W. BIALOBRZESKI  
DESIGNER PERMIT #348

DATE: JULY 2, 2008  
APPROVAL: CA2008093912